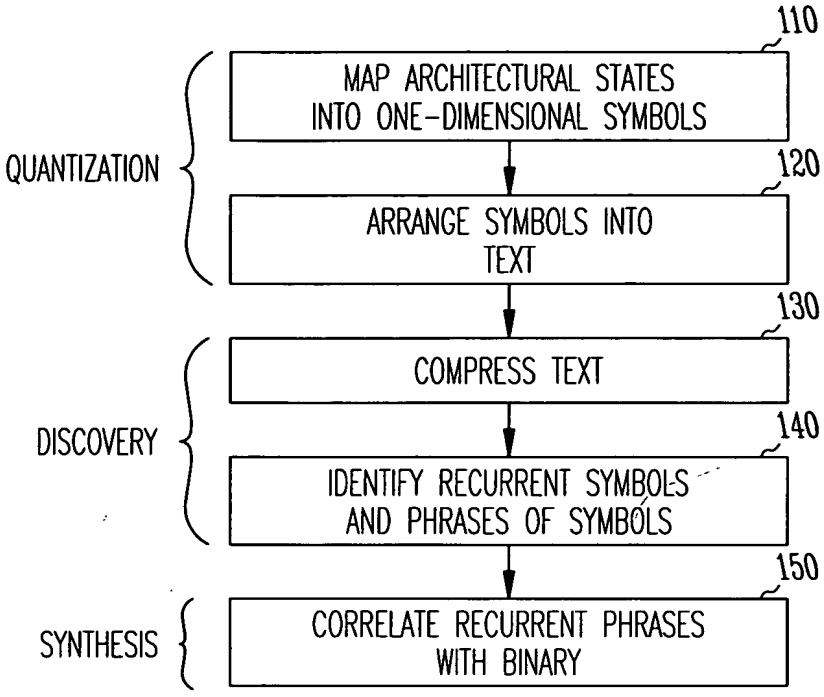

Fig. 1

200

```
.data1 5,5,5,5 ——202
.data2 6,6,6,6 ——204

  MOV data1 R2 ——206
LOOP1:  MOV 4,R1 ——208
LOOP2:  LD (R2),R3 ——210
  ADD R3,1,R4 ——212
  ADD R3,1,R3 ——214
  SUB R1,1,R1 ——216
  BN2 R1,LOOP2 ——218
  MOV data2,R2 ——220
  BR COND LOOP1 ——222
```

Fig. 2

0 9 4 5 4 3 0 0 : 4 N 0 3 0 0

	VECTOR	SYMBOL
302	MOV data1 R2	0
304	MOV 4 R1	1
306	LD (R2) R3	2
	ADD R3,1 R4	3
	ADD R3,1,R3	4
308	SUB R1,1,R1	5
	BN2 R1, LOOP2	6
310	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
312	SUB R1,1,R1	7
	BN2 R1,LOOP2	8
314	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
316	SUB R1,1,R1	9
	BN2 R1 LOOP2	10
318	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
320	SUB R1,1,R1	11
	BN2 R1 LOOP2	12
322	MOV data2,R2	13
324	BR COND LOOP1	14

Fig. 3A

Document: 2005-1-0054

	VECTOR	SYMBOL
354	MOV 4, R1	1
356	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1,R3	17
358	SUB R1,1,R1	5
	BN2 R1,LOOP2	6
360	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1 R3	17
362	SUB R1,1,R1	7
	BN2 R1,LOOP2	8
364	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1 R3	17
366	SUB R1,1,R1	9
	BN2 R1,LOOP2	10
368	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1,R3	17
370	SUB R1,1,R1	11
	BN2 R1,LOOP2	12

Fig. 3B

0063ET 0567560

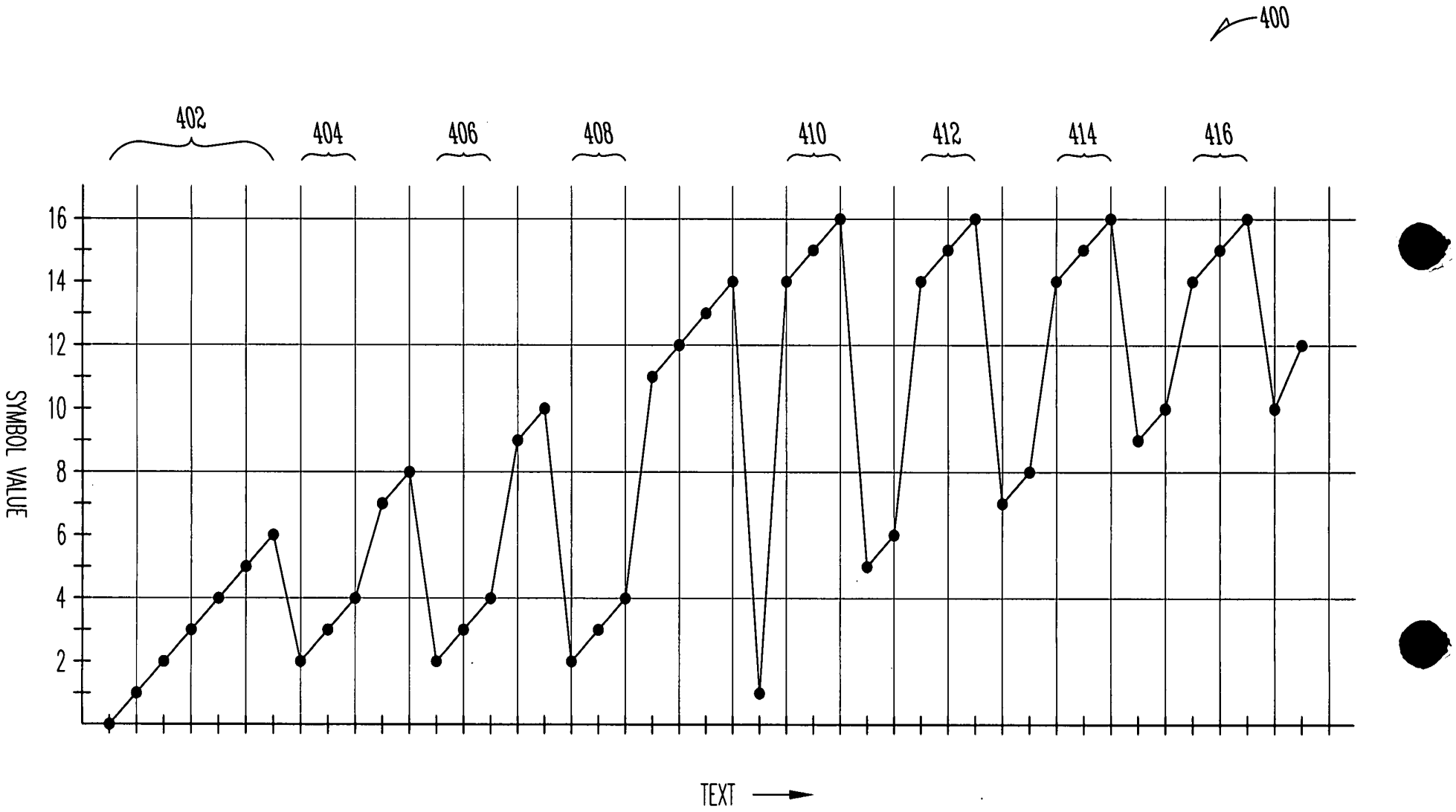

Fig. 4

D0621T" 0ES7S260

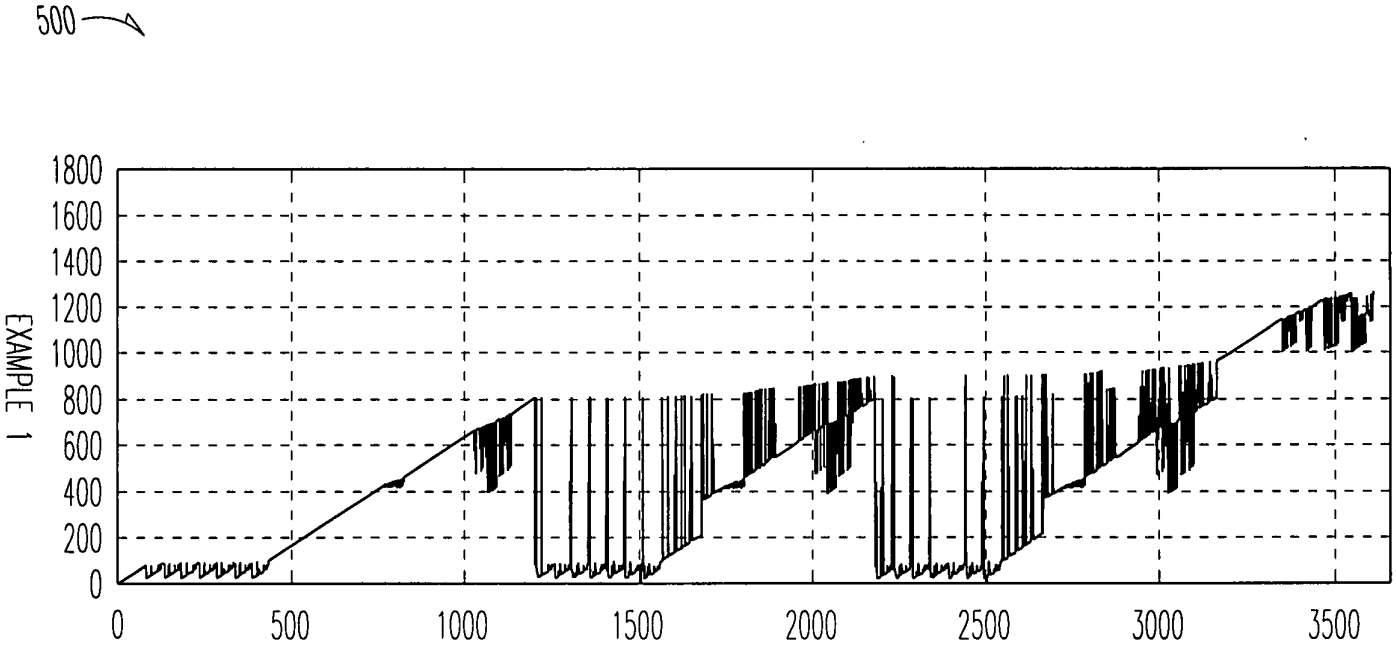

Fig. 5

06327 05575760

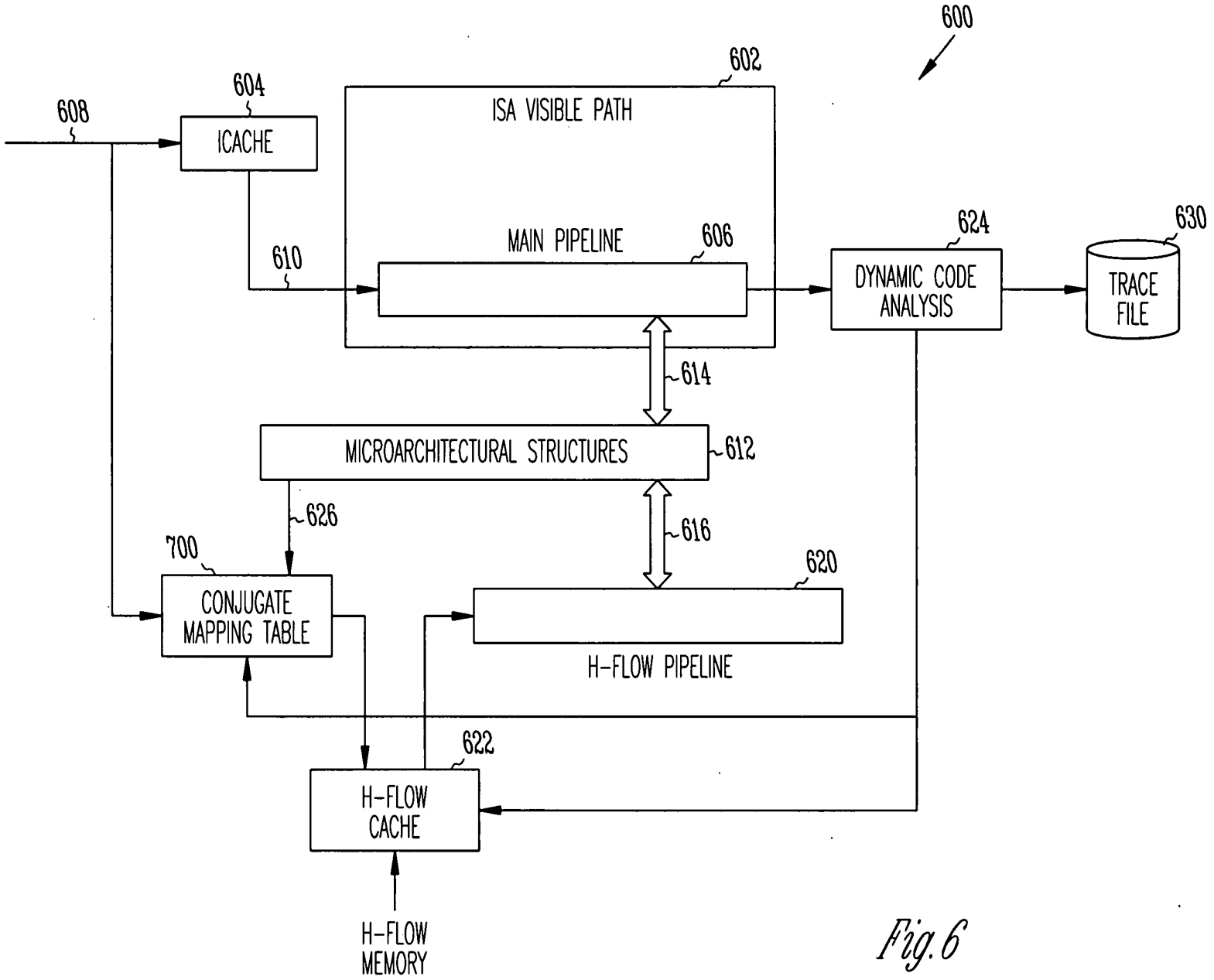

Fig. 6

0627" 0575260

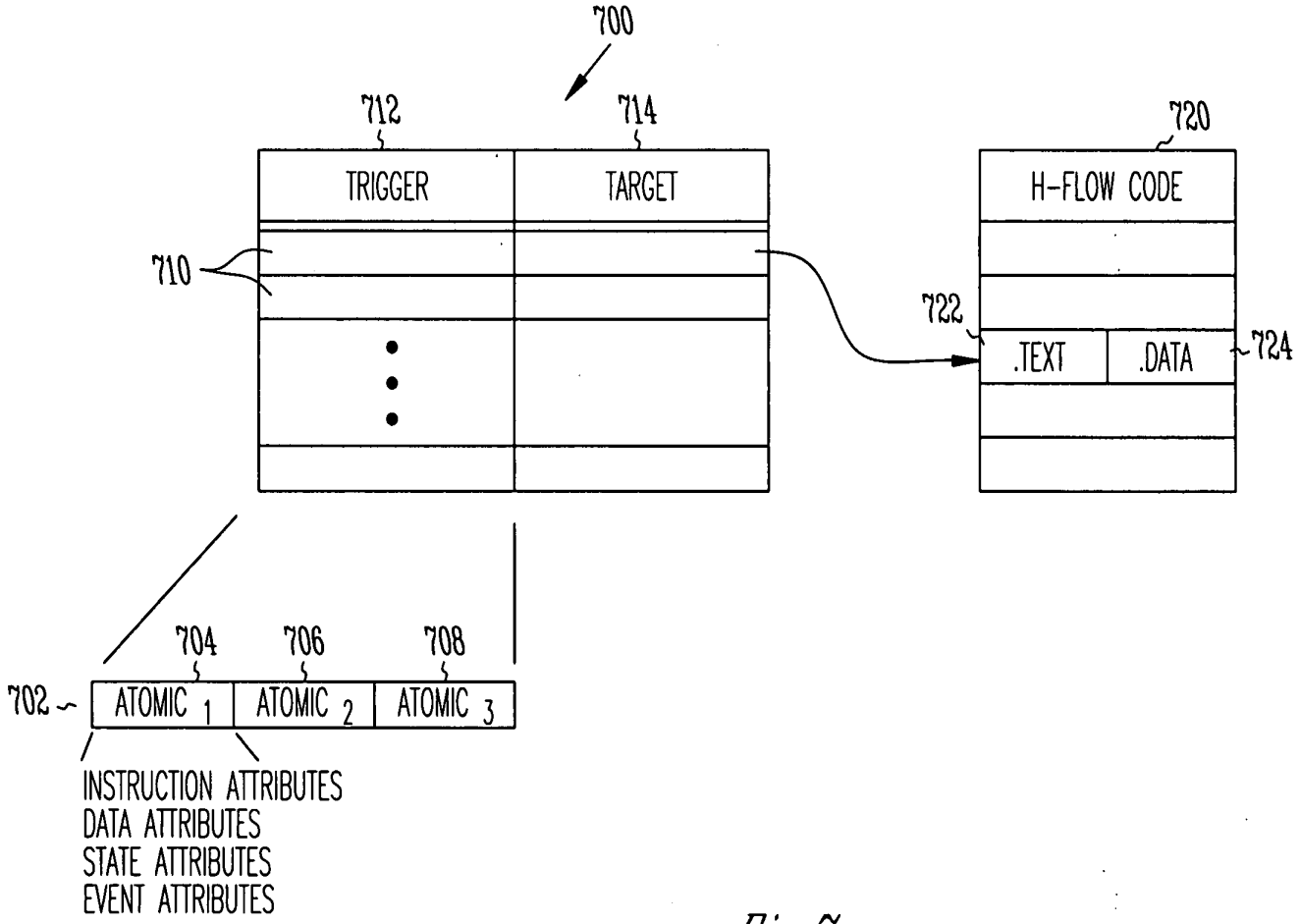

Fig. 7

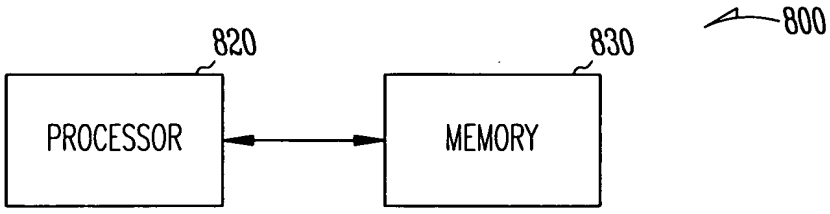

Fig. 8